

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. - 22. (Canceled)

23. (Currently Amended) A non-transitory computer-readable recording medium having a computer program recorded thereon that causes a computer to control a display device to display a user interface and at least two different images of a cursor within the displayed user interface, the computer program causing the computer to perform operations comprising:

displaying, in the user interface on the display device, a first image of the cursor, the first image of the cursor comprising a pointer arrow having a tail;

receiving a control input containing an instruction to drag at least one object displayed in the user interface on the display device;

controlling the display device to, upon receipt of the control input, switch the display of the first image of the cursor to a display of a second image of the cursor in the user interface, the second image of the cursor comprising a first hybrid cursor having a pointer arrow with a first variable graphic replacing the tail comprised in the first image; and

controlling the display device to display, while the at least one object is being dragged, the first variable graphic in the user interface as an alphanumeric

representation including a numerical value representing a characteristic of the at least one dragged object; and

controlling the display device to, while the at least one dragged object is being dragged over a destination object, switch the display of the second image of the cursor to a display of a third image of the cursor in the user interface, the third image of the cursor comprising a second hybrid cursor having a pointer arrow with a second variable graphic replacing the first variable graphic comprised in the second image, the second variable graphic including a graphical representation indicating whether an operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object.

24. (Currently Amended) The computer-readable recording medium of claim 23, wherein the computer program causes the computer to perform further operations comprising:

determining when the first image of the cursor is positioned in the user interface over an object that is associated with an application in a busy state;

controlling the display device to switch the display of the first image of the cursor to a display of a ~~third~~ fourth image of the cursor in the user interface, upon determining that the first image of the cursor is positioned over the user interface object associated with the application in the busy state, the ~~third~~ fourth image of the cursor comprising a ~~second~~ third hybrid cursor having a pointer arrow and a ~~second~~ third variable graphic replacing the tail comprised in the first image of the cursor; and

controlling the display device to, while the cursor is positioned over the user interface object associated with the application in the busy state, display the ~~second~~ third variable graphic of the ~~third~~ fourth image of the cursor as a representation of the busy state of the application in the busy state.

25. (Canceled)

26. (Currently Amended) The computer-readable recording medium of claim 23, wherein the computer program causes the computer to perform further operations comprising:

determining when the second image of the cursor is positioned in the user interface over a destination object to which the at least one dragged object is to be copied; and

controlling the display device to switch the display of the second image of the cursor to ~~a~~ the display of ~~a~~ the third image of the cursor in the user interface, upon determining that the second image of the cursor is positioned over the destination object to which the at least one dragged object is to be copied,

wherein ~~the third image comprises a second hybrid cursor having a pointer arrow with a second variable graphic replacing the tail comprised in the first image of the cursor, and the second variable graphic~~ of the third image of the cursor represents a copy operation.

27. (Previously Presented) The computer-readable recording medium of claim 26, wherein the first variable graphic of the second image of the cursor has a

first color, and the second variable graphic of the third image of the cursor has a second color different from the first color.

28. (Previously Presented) The computer-readable recording medium of claim 26, wherein the numerical value represented in the first variable graphic of the second image of the cursor represents one of a number of objects contained in the at least one dragged object and a cumulative data size of the at least one dragged object.

29. (Previously Presented) The computer-readable recording medium of claim 28, wherein the second variable graphic of the third image of the cursor includes the numerical value.

30. (Previously Presented) The computer-readable recording medium of claim 29, wherein the numerical value represented in the second variable graphic of the third image of the cursor represents one of a number of objects being copied, and a cumulative data size of the number of objects being copied.

31. (Previously Presented) The computer-readable recording medium of claim 23, wherein the numerical value indicates a number of objects contained in the at least one dragged object.

32. (Previously Presented) The computer-readable recording medium of claim 23, wherein the numerical value indicates a cumulative size of the at least one dragged object.

33. (Previously Presented) The computer-readable recording medium of claim 23, wherein the first variable graphic of the second image of the cursor comprises a geometric object, and the size of the geometric object is dynamically varied to accommodate the numerical value.

34. (Previously Presented) The computer-readable recording medium of claim 23, wherein the first variable graphic of the second image of the cursor indicates that the at least one dragged object will be deleted.

35. (Currently Amended) A method for displaying a user interface and at least two different images of a cursor within the displayed user interface on a display device of a computer, comprising the steps of:

displaying, in the user interface on the display device, a first image of the cursor, the first image of the cursor comprising a pointer arrow having a tail;

receiving, from a control device connected to the computer, a control input containing an instruction to drag at least one object in the user interface displayed on the display device;

controlling the display device to, upon receipt of the control input, switch the display of the first image of the cursor to a display of a second image of the cursor in the user interface, the second image of the cursor comprising a first hybrid cursor

having a pointer arrow with a first variable graphic replacing the tail comprised in the first image of the cursor; ~~and~~

controlling the display device to display, while the at least one object is being dragged, the first variable graphic in the user interface as an alphanumeric representation including a numerical value representing a characteristic of the at least one dragged object; and

controlling the display device to, while the at least one dragged object is being dragged over a destination object, switch the display of the second image of the cursor to a display of a third image of the cursor in the user interface, the third image of the cursor comprising a second hybrid cursor having a pointer arrow with a second variable graphic replacing the first variable graphic comprised in the second image, the second variable graphic including a graphical representation indicating whether an operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object.

36. (Currently Amended) The method of claim 35, comprising:
determining when the first image of the cursor is positioned in the user interface over an object that is associated with an application in a busy state;
controlling the display device to switch the display of the first image of the cursor to a display of a ~~third~~ fourth image of the cursor in the user interface, upon determining that the first image of the cursor is positioned over the user interface object associated with the application in the busy state, the ~~third~~ fourth image of the

cursor comprising a ~~second~~ third hybrid cursor having a pointer arrow and a ~~second~~ third variable graphic replacing the tail comprised in the first image of the cursor; and
controlling the display device to, while the cursor is positioned over the user interface object associated with the application in the busy state, display the ~~second~~ third variable graphic of the ~~third~~ fourth image of the cursor as a representation of the busy state of the application in the busy state.

37. (Canceled)

38. (Currently Amended) The method of claim 35, further comprising:
determining when the second image of the cursor is positioned in the user interface over a destination object to which the at least one dragged object is to be copied; and
controlling the display device to switch the display of the second image of the cursor to ~~a~~ the display of ~~a~~ the third image of the cursor in the user interface, upon determining that the second image of the cursor is positioned over the destination object to which the at least one dragged object is to be copied,
wherein ~~the third image of the cursor comprises a second hybrid cursor having a pointer arrow with a second variable graphic replacing the tail comprised in the first image of the cursor, and the second variable graphic~~ of the third image of the cursor represents a copy operation.

39. (Previously Presented) The method of claim 38, wherein the first variable graphic of the second image of the cursor has a first color, and the second variable graphic of the third image of the cursor has a second color different from the first color.

40. (Previously Presented) The method of claim 38, wherein the numerical value represented in the first variable graphic of the second image of the cursor represents one of a number of objects contained in the at least one dragged object and a cumulative data size of the at least one dragged object.

41. (Previously Presented) The method of claim 40, wherein the second variable graphic of the third image of the cursor includes the numerical value.

42. (Previously Presented) The method of claim 41, wherein the numerical value represented in the second variable graphic of the third image of the cursor represents one of a number of objects being copied, and a cumulative data size of the number of objects being copied.

43. (Previously Presented) The method of claim 35, wherein the numerical value indicates a number of objects contained in the at least one dragged object.

44. (Previously Presented) The method of claim 35, wherein the numerical value indicates a cumulative size of the at least one dragged object.

45. (Previously Presented) The method of claim 42, wherein the first variable graphic of the second image of the cursor comprises a geometric object, and wherein the method further includes the step of dynamically varying the size of the geometric object to accommodate the numerical value.

46. (Previously Presented) The method of claim 35, wherein the first variable graphic of the second image of the cursor indicates that the at least one dragged object will be deleted.

47. (Currently Amended) A method for displaying a user interface and at least two different images of a cursor within the displayed user interface on a display device of a computer, comprising the steps of:

displaying, in the user interface on the display device, a first image of the cursor;

receiving, from a control device connected to the computer, a control input containing an instruction to drag at least one object displayed in the user interface on the display device;

controlling the display device to, upon initiation of the dragging of the at least one object displayed in the user interface, switch the display of the first image of the cursor to a display of a second image of the cursor in the user interface, the second image of the cursor comprising a first hybrid cursor having a portion of the first image of the cursor and a first variable graphic; and

controlling the display device to display, while the at least one object is being dragged, the first variable graphic in the user interface as a symbol representation

display including a numerical value representing a characteristic of the at least one dragged object; and

controlling the display device to, while the at least one dragged object is being dragged over a destination object in the user interface, switch the display of the second image of the cursor to a display of a third image of the cursor in the user interface, the third image of the cursor comprising a second hybrid cursor having a pointer arrow with a second variable graphic replacing the first variable graphic comprised in the second image, the second variable graphic including a graphical representation indicating whether an operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object.

48. (Currently Amended) The method of claim 47, comprising:
determining when the first image of the cursor is positioned in the user interface over an object that is associated with an application in a busy state;
controlling the display device to switch the display of the first image of the cursor to a display of a ~~third~~ fourth image of the cursor in the user interface, upon determining that the first image of the cursor is positioned over the user interface object associated with the application in the busy state, the ~~third~~ fourth image of the cursor comprising a ~~second~~ third hybrid cursor having a first portion of the first image of the cursor and a second variable graphic replacing a second portion of the first image of the cursor; and
controlling the display device to, while the cursor is positioned over the user interface object associated with the application in the busy state, display the ~~second~~

third variable graphic of the ~~third~~ fourth image of the cursor as a representation of the busy state of the application in the busy state.

49. (Canceled)

50. (Currently Amended) The method of claim 47, further comprising:
determining when the second image of the cursor is positioned in the user interface over a destination object to which the at least one dragged object is to be copied; and
controlling the display device to switch the display of the second image of the cursor to ~~a~~ the display of ~~a~~ the third image of the cursor in the user interface, upon determining that the second image of the cursor is positioned over the destination object to which the at least one dragged object is to be copied, wherein ~~the third image of the cursor comprises a second hybrid cursor having the portion of the first image of the cursor and a~~ the graphical representation in the second variable graphic of the third image of the cursor ~~that represents a copy operation.~~

51. (Previously Presented) The method of claim 50, wherein the first variable graphic of the second image of the cursor has a first color, and the second variable graphic of the third image of the cursor has a second color different from the first color.

52. (Previously Presented) The method of claim 50, wherein the second variable graphic of the third image of the cursor includes the numerical value represented in the first variable graphic of the second image of the cursor, and wherein the numerical value represented in the second variable graphic of the third image of the cursor represents one of a number of objects being copied and a cumulative data size of the number of objects being copied.

53. (Canceled)

54. (Previously Presented) The method of claim 52, wherein the numerical value represented in the second variable graphic of the third image of the cursor represents one of a number of objects being copied and a cumulative data size of the number of objects being copied.

55. (Previously Presented) The method of claim 47, wherein the numerical value indicates a number of objects contained in the at least one dragged object.

56. (Previously Presented) The method of claim 47, wherein the numerical value indicates a cumulative size of the at least one dragged object.

57. (Previously Presented) The method of claim 54, wherein the first variable graphic of the second image of the cursor comprises a geometric object, and wherein the method further includes the step of dynamically varying the size of the geometric object to accommodate the quantitative value.

58. (Previously Presented) The method of claim 47, wherein the first variable graphic of the second image of the cursor indicates that the at least one dragged object will be deleted.

59. (Currently Amended) A computer processing device comprising:
a display unit configured to display a user interface and at least two different images of a cursor within the user interface;
a control unit configured to control the display unit to display a first image of the cursor within the user interface, the first image of the cursor comprising a pointer arrow having a tail; and
a receiving unit configured to receive an instruction input containing an instruction to drag at least one object displayed in the user interface on the display unit,
wherein the control unit is configured to control the display device to switch the display of the first image of the cursor to a display of a second image of the cursor within the user interface, upon the receiving unit receiving the instruction input, the second image of the cursor comprising a first hybrid cursor having a pointer arrow with a first variable graphic replacing the tail comprised in the first image of the cursor, ~~and~~
wherein the control unit is configured to control the display device to display, while the at least one object is being dragged, the first variable graphic in the user interface as an alphanumeric representation including a numerical value representing a characteristic of the at least one dragged object, and

wherein the control unit is configured to control the display device to, while the at least one dragged object is being dragged over a destination object, switch the display of the second image of the cursor to a display of a third image of the cursor in the user interface, the third image of the cursor comprising a second hybrid cursor having a pointer arrow with a second variable graphic replacing the first variable graphic comprised in the second image, the second variable graphic including a graphical representation indicating whether an operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object.

60. (Currently Amended) The computer processing device of claim 59, wherein the control unit comprises a determining unit configured to determine when the first image of the cursor is positioned in the user interface over an object that is associated with an application in a busy state,

wherein the control unit is configured to control the display unit to switch the display of the first image of the cursor to a display of a ~~third~~fourth image of the cursor, upon the determining unit determining that the first image of the cursor is positioned over the object that is associated with the application in the busy state, the ~~third~~fourth image of the cursor comprising a ~~second~~third hybrid cursor having a pointer arrow and a ~~second~~third variable graphic replacing the tail comprised in the first image of the cursor, and

wherein the control unit is configured to control the display device to display, when the determining unit determines that the first image of the cursor is positioned over the object that is associated with the application in the busy state, the ~~second~~

third variable graphic of the ~~third~~ fourth image of the cursor as a representation of the busy state of the application in the busy state.

61. (Currently Amended) The computer processing device of claim 59, wherein the control unit comprises a determining unit configured to determine when the second image of the cursor is positioned in the user interface over a destination object to which the at least one dragged object is to be copied,

wherein the control unit is configured to control the display unit to switch the display of the second image of the cursor to a display of a the third image of the cursor, upon the determining unit determining that the second image of the cursor is positioned over the destination object to which the at least one dragged object is to be copied, ~~the third image of the cursor comprising a second hybrid cursor having a pointer arrow with a second variable graphic replacing the tail comprised in the first image of the cursor, and~~

wherein the second variable graphic of the third image of the cursor represents a copy operation.

62. (Previously Presented) The computer processing device of claim 61, wherein the control unit is configured to control the display unit to display the first variable graphic of the second image of the cursor to have a first color, and to display the second variable graphic of the third image of the cursor to have a second color different from the first color.

63. (Previously Presented) The computer processing device of claim 61, wherein the control unit is configured to control the display unit to display the second variable graphic of the third image of the cursor to include the numerical value represented in the first variable graphic of the second image of the cursor.

wherein the control unit is configured to control the display unit to display the numerical value represented in the second variable graphic of the third image of the cursor as one of a number of objects being copied and a cumulative data size of the number of objects being copied.

64. (Canceled)

65. (Canceled)

66. (Previously Presented) The computer processing device of claim 59, wherein the control unit is configured to control the display unit to display the numerical value to indicate a number of objects contained in the at least one dragged object.

67. (Previously Presented) The computer processing device of claim 59, wherein the control unit is configured to control the display unit to display the numerical value to indicate a cumulative data size of the at least one dragged object.

68. (Previously Presented) The computer processing device of claim 59, wherein the control unit is configured to control the display unit to display the first

variable graphic of the second image of the cursor to comprise a geometric object,
and

wherein the control unit is configured to control the display unit to dynamically vary the size of the geometric object to accommodate the numerical value.

69. (Previously Presented) The computer processing device of claim 59, wherein the control unit is configured to control the display unit to display the first variable graphic of the second image of the cursor to indicate that the at least one dragged object will be deleted.

70. (New) The computer-readable recording medium of claim 23, wherein the computer program causes the computer to control the display device to display the graphical representation of the second variable graphic of the third image of the cursor as one of a first symbol indicating that the operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object, and a second symbol indicating that the operation associated with the dragging of the at least one object cannot be successfully performed based on the characteristic of the at least one dragged object.

71. (New) The computer-readable recording medium of claim 30, wherein the computer program causes the computer to control the display device to display the graphical representation of the second variable graphic of the third image of the cursor as one of a first symbol indicating that the copy operation can be successfully

performed based on the numerical value represented in the second variable graphic of the third image of the cursor, and a second symbol indicating that the copy operation cannot be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor.

72. (New) The computer-readable recording medium of claim 23, wherein the computer program causes the computer to control the display device to display the graphical representation of the second variable graphic of the third image of the cursor by one of (i) modifying a color of the first variable graphic of the second image of the cursor to a first color indicating that the operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object, and (ii) modifying the color of the first variable graphic of the second image of the cursor to a second color indicating that the operation associated with the dragging of the at least one object cannot be successfully performed based on the characteristic of the at least one dragged object.

73. (New) The computer-readable recording medium of claim 30, wherein the computer program causes the computer to control the display device to display the graphical representation of the second variable graphic of the third image of the cursor by one of (i) modifying a color of the first variable graphic of the second image of the cursor to a first color indicating that the copy operation can be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor, and (ii) modifying the color of the first variable

graphic of the second image of the cursor to a second color indicating that the copy operation cannot be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor.

74. (New) The method of claim 35, comprising:

controlling the display device to display the graphical representation of the second variable graphic of the third image of the cursor as one of a first symbol indicating that the operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object, and a second symbol indicating that the operation associated with the dragging of the at least one object cannot be successfully performed based on the characteristic of the at least one dragged object.

75. (New) The method of claim 42, comprising:

controlling the display device to display the graphical representation of the second variable graphic of the third image of the cursor as one of a first symbol indicating that the copy operation can be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor, and a second symbol indicating that the copy operation cannot be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor.

76. (New) The method of claim 35, comprising:

controlling the display device to display the graphical representation of the second variable graphic of the third image of the cursor by one of (i) modifying a color of the first variable graphic of the second image of the cursor to a first color indicating that the operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object, and (ii) modifying the color of the first variable graphic of the second image of the cursor to a second color indicating that the operation associated with the dragging of the at least one object cannot be successfully performed based on the characteristic of the at least one dragged object.

77. (New) The method of claim 42, comprising:

controlling the display device to display the graphical representation of the second variable graphic of the third image of the cursor by one of (i) modifying a color of the first variable graphic of the second image of the cursor to a first color indicating that the copy operation can be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor, and (ii) modifying the color of the first variable graphic of the second image of the cursor to a second color indicating that the copy operation cannot be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor.

78. (New) The method of claim 47, comprising:

controlling the display device to display the graphical representation of the second variable graphic of the third image of the cursor as one of a first symbol indicating that the operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object, and a second symbol indicating that the operation associated with the dragging of the at least one object cannot be successfully performed based on the characteristic of the at least one dragged object.

79. (New) The method of claim 52, comprising:

controlling the display device to display the graphical representation of the second variable graphic of the third image of the cursor as one of a first symbol indicating that the copy operation can be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor, and a second symbol indicating that the copy operation cannot be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor.

80. (New) The method of claim 47, comprising:

controlling the display device to display the graphical representation of the second variable graphic of the third image of the cursor by one of (i) modifying a color of the first variable graphic of the second image of the cursor to a first color indicating that the operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one

dragged object, and (ii) modifying the color of the first variable graphic of the second image of the cursor to a second color indicating that the operation associated with the dragging of the at least one object cannot be successfully performed based on the characteristic of the at least one dragged object.

81. (New) The method of claim 52, comprising:

controlling the display device to display the graphical representation of the second variable graphic of the third image of the cursor by one of (i) modifying a color of the first variable graphic of the second image of the cursor to a first color indicating that the copy operation can be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor, and (ii) modifying the color of the first variable graphic of the second image of the cursor to a second color indicating that the copy operation cannot be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor.

82. (New) The computer processing device of claim 59, wherein the control unit is configured to control the display device to display the graphical representation of the second variable graphic of the third image of the cursor as one of a first symbol indicating that the operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object, and a second symbol indicating that the operation associated with the dragging of the at least one object cannot be successfully performed based on the characteristic of the at least one dragged object.

83. (New) The computer processing device of claim 63, wherein the control unit is configured to control the display device to display the graphical representation of the second variable graphic of the third image of the cursor as one of a first symbol indicating that the copy operation can be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor, and a second symbol indicating that the copy operation cannot be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor.

84. (New) The computer processing device of claim 59, wherein the control unit is configured to control the display device to display the graphical representation of the second variable graphic of the third image of the cursor by one of (i) modifying a color of the first variable graphic of the second image of the cursor to a first color indicating that the operation associated with the dragging of the at least one dragged object can be successfully performed based on the characteristic of the at least one dragged object, and (ii) modifying the color of the first variable graphic of the second image of the cursor to a second color indicating that the operation associated with the dragging of the at least one object cannot be successfully performed based on the characteristic of the at least one dragged object.

85. (New) The computer processing device of claim 63, wherein the control unit is configured to control the display device to display the graphical representation of the second variable graphic of the third image of the cursor by one

of (i) modifying a color of the first variable graphic of the second image of the cursor to a first color indicating that the copy operation can be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor, and (ii) modifying the color of the first variable graphic of the second image of the cursor to a second color indicating that the copy operation cannot be successfully performed based on the numerical value represented in the second variable graphic of the third image of the cursor.